NO.NC/QC/YD/2020-21/P7-1

Date: 18-08-2020

To,
The Executive Engineer,
Yelahanka Division
Bangalore.

## "PMC CERTIFICATE AND INSPECTION REPORT"

Dear Sir,

Subject: Regarding Inspection Report for the below mentioned work.

Name of Work: Improvements to roads, drains and other developmental works in Ward No- 01 &02. Under SWM head in Chief Minister Nava Nagarothana grants of Yelahanka division.(Package -07)

| Item No | Description of work | Unit | Qty |
|---|---|---|---|
| 1 | KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side | Cum | 4101.95 |
| 2 | KSRB 2-2.1 : Earthwork excavation by manual means for foundation of buildings, culverts, water supply and sanitary lines and electrical conduits | Cum | 4750.57 |
| 3 | KSRB 4-1.7 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 20mm and down size graded granite metal | Cum | 796.82 |
| 4 | Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size | Cum | 1685.96 |
| 5 | KSRRB M 2200-6 Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, | Tonne | 105.52 |
| 6 | Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting , including form work, cost of alll materials, | Sqm | 4141.64 |
| 7 | Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form | Sqm | 227.40 |
| 8 | Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm | Nos | 8375.00 |
| 9 | KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with | Sqm | 1498.08 |
| 10 | KSRRB M600-1. Construction of dry lean cement concrete mix CC 1:5:10 with OPC cement @160Kgs, with 25mm and down size graded granite metal | Cum | 267.13 |
| 11 | Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at | Cum | 261.13 |

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|---|---|---|---|
| 12 | Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt | Cum | 1631.54 |
| 13 | KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications | Cum | 1665.20 |
| 14 | KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including | Sqm | 11084.16 |
| 15 | KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and /or compressed air to | Sqm | 8453.00 |
| 16 | KSRRB M500-17. Providing and laying Dense Graded Bituminous Macadam using crushed aggregates of specified grading, premixed with VG30 grade | Cum | 727.48 |
| 17 | KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 0.25 kg per sqm, heating | Sqm | 16758.50 |
| 18 | Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous | Cum | 670.34 |
| 19 | KSRRB M800-4. Direction and Place Identification Signs / Project information Board with size more than 0.9 sqm Size Board:-Providing and | Nos | 19.00 |
| 20 | KSRRB M800-13. Road Marking with Hot Applied 'Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying | Sqm | 434.85 |
| 21 | for Rain water harvesting work including 40mm jelly, 20mm jelly coarse sand, fine sand, 12.50 mm chips as per data rates | Nos | 35.00 |
| 22 | KSRRB M200-24. Dismantling of cement concrere pavement by mechanical means using pneumatic tools ,breaking to pieces not exceeding 0.02 cum in | Cum | 346.80 |
| 23 | Fabricating, providing and erecting in position of Hot Dip Galvanised Gate Using 72X72X4.8mm Sq.Gi Pipe frame with top pipe bending in heavy duty | Sqm | 68.00 |

AE-I

With respect to the above subject & name of the work, we have inspected the work and the Quantity and Quality of above mentioned items of the work was found to be completed satisfactorily for the 1st and Part bill

Thanking you,

With Regards,

For Newzen Consultants Bangalore

NEWZEN CONSULTANT * BANGALORE *

NO.NC/QC/YD/2020-21/P7-1

Date: 18-08-2020

To,
The Executive Engineer,
Yelahanka Division
Bangalore.

## "FREQUENCY AND QUALITY REPORT"

Dear Sir,

Subject: Regarding Quality Report for the below mentioned work.

Name of Work: Improvements to roads, drains and other developmental works in Ward No- 01 &02. Under SWM head in Chief Minister Nava Nagarothana grants of Yelahanka division.(Package -07)

| Item No | Description of work | Unit | Qty | No of Samples Tested | Standards |
|---|---|---|---|---|---|
| 1 | KSRB 4-1.7 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 20mm and down size | Cum | 796.82 | 8 | Per 100 cum |
| 2 | Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. | Cum | 1685.96 | 34 | Per 50 cum |
| 3 | KSRRB M 2200-6 Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, | Ton | 105.52 | 3 | Per each dia |
| 4 | Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 | Nos | 8375.00 | 17 | Per 500 Nos |
| 5 | KSRRB M600-1. Construction of dry lean cement concrete mix CC 1:5:10 with OPC cement @160Kgs, with 25mm and down | Cum | 267.13 | 3 | Per 100 cum |
| 6 | Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with | Cum | 261.13 | 6 | Per 50 cum |
| 7 | Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone | Cum | 1631.54 | 4 | Per 400 cum |
| 8 | KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet | Cum | 1665.20 | 9 | Per 200 cum |

| | | | | | |
|---|---|---|---|---|---|
| 9 | KSRRB M500-17. Providing and laying Dense Graded Bituminous Macadam using crushed aggregates of specified grading, premixed | Cum | 727.48 | 15 | Per 50 cum |
| 10 | Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, | Cum | 670.34 | 14 | Per 50 cum |

AE-1 With respect to the above subject & name of the work, we have inspected the work and the Quantity and Quality of above mentioned items of the work was found to be completed satisfactorily for the 1st and Part bill

Thanking you,

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With Regards,

K.R

For Newzen Consultants Bangalore

NEWZEN CONSULTANT BANGALORE, #13,10TH MAIN ROAD 2ND CROSS JNANAJYOTHI NAGARA, JNANABHARATHI, BANGALORE-560056. CELL NO: +91 8792620231, 080 23240187
EMAIL:newzen576@gmail.com